

CLAIMS

I claim:

1. A recording medium comprising:

a first memory that is configured to store encrypted content material via a first write

operation,

a recording indicator that is configured to contain a unique identifier at each occurrence of the first write operation, and

a second memory that is configured to store, via a second write operation, a secure item based on the unique identifier when the encrypted content material is stored.

2. The recording medium of claim 1, wherein

the secure item includes an encrypted key that facilitates a decryption of the encrypted content material, the encrypted key being dependent upon the unique identifier.

3. The recording medium of claim 1, wherein

the recording indicator includes a counter that is configured to be incremented by a recording device when the recording device records the encrypted content material.

4. A rendering device that is configured to render content material corresponding to encrypted content material that is contained on a recording medium, the recording medium also including a recording indicator that contains an original value, the rendering device comprising:

one or more decrypters that are configured to decrypt the encrypted content material based on a current value of the recording indicator, such that the one or more decrypters provide the content material only when the current value of the recording indicator corresponds to the original value of the recording indicator, and
a renderer that is configured to render the content material.

5. The rendering device of claim 4, further including:

an authorization device that is configured to control the renderer based on a usage-measure associated with the recording medium and a validity period associated with the content material.

6. The rendering device of claim 4, further including

a key generator that creates a unique key based on the current value of the recording indicator, and

wherein

the one or more decrypters are configured to decrypt the encrypted content material based on the unique key that is based on the current value of the recording indicator.

7. The rendering device of claim 6, wherein
the one or more decrypters include:

a first decrypter that decrypts a doubly encrypted content key based on a private
key of the rendering device to provide a singly encrypted content key,

5 a second decrypter that decrypts the singly encrypted content key based on the
unique key that is based on the current value of the recording indicator to provide a content key,
and

a third decrypter that decrypts the encrypted content material based on the content
key to provide the content material.

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8. A provider of content material comprising

a recorder that is configured to record encrypted content material and a corresponding
secure item on a recording medium,

15 the encrypted content material being encrypted based on a content key, and
the secure item being based on a value of a recording indicator of the recording medium
when the encrypted content material is recorded on the recording medium.

20 9. The provider of claim 8, further comprising

an allocator that is configured to allocate rendering rights associated with the encrypted
content material, and

wherein

the recorder is further configured to record the rendering rights on the recording medium.

25 10. The provider as claimed in claim 8, wherein

the secure item corresponds to an encryption of the content key based on the value of the
recording indicator.

11. The provider as claimed in claim 8, further comprising
one or more encrypters that are configured to provide the secure item.

12. The provider of claim 8, further including

5 a key generator that generates a unique key based on the value of the recording indicator,
and

one or more encrypters that are configured to encrypt the content key based on the unique
key to produce the secure item.

10 13. The provider of claim 8, further comprising

a first encrypter that encrypts the content key based on a unique key that is dependent
upon a value of the recording indicator to produce a singly encrypted content key, and

15 a second encrypter that encrypts the singly encrypted content key based on a public key
that is associated with a rendering device to produce a doubly encrypted content key
corresponding to the secure item.

14. A method of providing content material, the method comprising:

recording encrypted content material on a recording medium, the encrypted content material being dependent upon the content material and a content key, and

recording a secure item on the recording medium, the secure item being dependent upon a recording indicator that is associated with the recording medium.

15. The method of claim 14, further including

recording rendering rights associated with the encrypted content material on the recording medium.

16. The method of claim 14, further including:

generating a unique key that is based on the recording indicator,

encrypting the content key using the unique key to produce the secure item.

17. The method of claim 14, wherein

the method further including:

generating a unique key that is based on the recording indicator,

encrypting the content key using the unique key to produce a singly encrypted content key, and

encrypting the singly encrypted content key using a public key associated with a rendering device to produce the secure item.

18. A method of rendering content material from a recording medium that includes encrypted content material, an encrypted content key, and a recording indicator, the method comprising:
determining a unique key based on the recording indicator,
decrypting the encrypted content key based on the unique key to provide a content key,
5 decrypting the encrypted content material based on the content key to provide the content material, and
rendering the content material.

19. The method of claim 18, wherein
10 the recording medium also includes rendering rights, and
rendering the content material is dependent upon the rendering rights.

20. The method of claim 18, wherein
decrypting the encrypted content key includes:
15 decrypting the encrypted content key based on a private key to provide a singly encrypted content key, and
decrypting the singly encrypted content key based on the unique key to provide the content key.